INDEX

ABDULHADI, A. M., 23, 76, 307
Accidents, motor, mortality among young people, 428
  prevention, South-East Asia, 424
  road, crash protection, 381–382
    statistics, 153–154
ACHA, P. N., 301
ACOSTA, A., 469
Action Programme for Economic Development, Non-Aligned Countries, 165
Action Programme on Essential Drugs, 203–208
Action WHO, 189
ACUÑA, H. R., 21, 22, 78, 107, 300, 301, 388
Acute respiratory infections, Western Pacific, 469
ADELSTEIN, S. J., 54
Advisory Committee on Medical Research (ACMR), 227, 445
Advisory Committee on the Application of Science and Technology to Development (ACAST), 444, 445–446
Afghanistan, primary health care for nomads, 61
Africa, arterial hypertension, 32
  blindness, 278–280
  communication sciences for health promotion, 387, 465, 474
  essential drugs, action programme, 206
  health for all by the year 2000, 464
  human monkeypox, 232
  human plague 1978, 426
  malaria, action programme, 262–263
    control, 427
  medical research, 391
  onchocerciasis, 104–105, 306, 387
  poliomyelitis 1977, 63
  programme budget for 1980–1981, 465
  Regional Committee, 464–466
  Regional Director, nomination, 465
    report 1977–1978, 465
  Regional Office, use of Portuguese language, 79, 266
  smallpox, 474
  Special Programme for Research and Training in Tropical Diseases, 391
  Special Programme for Research Development and Research Training in Human Reproduction, 392
  Technical cooperation among developing countries, 174–176
    Standing Committee, 466
  technical discussions 1979, 465–466, 474–475
    1980, 466
  tobacco smoking, 96
African Development Bank, 104
African trypanosomiases. Report of a joint WHO Expert Committee and FAO Expert Consultation, 314–315
AGTHE, C., 45
AL-AWADI, A. R., 23
Alcohol, drugs and driving, 153
  public health aspects, 432
Alcohol-related problems, 79, 264
  WHO's programme, 364–369
ALDEREGUÍA VALDÉS-BRITO, J. A., 307
Alma-Ata Declaration, 163, 176, 245, 320, 321, 329, 387
Alma-Ata, International Conference on Primary Health Care, 76, 163–164, 176, 319, 422
Alma-Ata 1978. Primary Health Care, 68
ALMEIDA MACHADO, P. DE, 21
ALVAREZ-GUTIÉREZ, R., 307
Americas, blindness, 280
  community-oriented training programmes, 296
  drug control, 388
  essential drugs, action programme, 206–207
  health administration, teaching aids, 388
  health conditions 1973–1976, 70
  health for all by the year 2000, 470
  human plague 1978, 426
  malaria, 21
  poliomyelitis 1977, 63
  vaccine revolving fund, 300–301
  zoonoses control, 354–355
Animal disease prevention in developing countries: its relationship to health, nutrition, and development, 480
Animal health, special programme, Pan American Health Organization, 301
ANSELMI, T., 235
Antimalaria programmes, place of chemotherapy, 9–11
ANWAR, M. K., 417
Application of advances in neurosciences for the control of neurological disorders. Report of a WHO Study Group, 113–114
Appropriate technology for health, 164–165, 403–404
  Solomon Islands, 375–376
Appropriate Technology for Health Newsletter, 61
  No. 3, 217–224
  No. 4, 373–380
ARBONA, G., 311
ARELLANO, A. B. R. DE, 311
Armadillo as an experimental model in biomedical research, 199
Arterial hypertension, Africa, 32
Arterial hypertension. Report of a WHO Expert Committee, 36
Asia, blindness, 280–282
  human plague 1978, 426
  tobacco smoking, 96
ASVALL, J. E., 148
Australia, WHO Western Pacific Regional Teacher Training Centre for Health Personnel, 459
Automatic telex reply service, 233

BALLANCE, R. C., 224
Banks, international, funds for health, 191
BARAKAMFITIYE, D., 307
Barbiturates, use and abuse, 105–106

BARBOSA, F. S., 39
Basic health care in developing countries—An epidemiological perspective, 311
BASU, R. N., 359
BAUCE, A., 219
BAUHOFER, F. A., obituary, 237
BÉHAR, M., 125
BENJAMIN, B., 94
BERGMAN, U., 431
BERTAN, M., 132
Bibliography on the behavioural, social and economic aspects of malaria and its control, 113
BINGEL, A. S., 58
Biological products, 453
Biological standardization, 478–479
Biological substances. International standards, reference preparations, and reference reagents 1979, 479
Biomedical and health services research, 265
Black and white yeasts. Proceedings of the IV International Conference on the Mycoses, 160
BLANIE, P., 378
Blindness, guidelines for prevention programmes, 431
Blindness throughout the world, data, 275–283
Blood donors, screening of, 188
BOAL, M. R., 466
BOBENRIETH, M., 471
Bolivia, aid from the World Bank, 471
BONIFACIO, M. F., 255
BOONSIRI, B., 31
Brazil, aid from the World Bank, 471
  health manpower, analysis, 39–44
    functions, 389
Breast cancer and oral contraceptives, 337
Breastfeeding, 437–438
Brucellosis, a preventable problem, 349–350
Budget 1979, 75, 259–260
  1980–1981, 75–76, 259
  1982–1983, 76
BULL, G. M., 221
Bulletin of the World Health Organization, Vol. 56, contents, 34, 111
  Vol. 57, contents, 197, 238, 312, 352, 478

Calendar of International and Regional Congresses of Medical Sciences, 190
Calibration of dose meters used in radiotherapy, 351
Campaign on the Use and Restriction of Barbiturates (CURB), 16
Canadian Commercial Corporation, 387
Canadian International Development Agency (CIDA), 143, 300
Canadian Labor Association, 470
Cancer, 402, 452
  cost of illness, 146
  deaths, 150
  environmental factors, 234
  epidemiology, directory of on-going research, 69
  incidence and mortality data, 139
  statistics, 168
Cancer statistics. Report of a WHO/IARC Expert Committee, 159
CANDAU, M. G., 306
CARBALLO, J., 370
Carbon disulfide, 352–353
Carcinogenic risk of chemicals to humans, 69, 315–316
Cardiovascular diseases, 402, 452
  prevention in developing countries, 348–349
  rehabilitation, 32
CAREFOOT, N. F., 138, 147
Caribbean Basin Water Management Project, 147
Caribbean, health manpower planning, 462–463
CARRIZO, O. C., 21
Cerebrovascular disorders: a clinical and research classification, 157–158
CEVALLOS, O. E., 22
CHAGAS, C., 445
CHAGULA, W. K., 445
CHANDRA, R. K., 309
CHAPMAN, D. G., 45
CHARLES, L. J., 107
CHAUDHRI, I. M., 23
CHAVANNE, A., 243, 244
Chemical safety, international programme, 310
Chemicals, effects on health, 167
    evaluation, 79
  toxic, national protection measures, 173
Chemotherapy in antimalaria programmes, 9–11
CHEW, A. G. K., 466, 467
Child and the adolescent in society: report on a WHO Conference, 356
Child care, Eastern Mediterranean, 229–230
Child development and health, 475
Child health, 120–124
  and nutrition, 125–127
  Europe, 25
CHILD-to-Child Programme, 218–219
Children, early detection of handicap, 429
  immunization, 246
China, community health services, 141–142
CHITPATIMA, K., 31
Cholera epidemic, Republic of Maldives, 187–188
  corrigendum 274
Cigarette dependence, treatment, 98–100
Cigarette smoking, cardiovascular disease in developing countries, 348
  see also Smoking
CIOMS, *see* Council for International Organizations of Medical Sciences
Clearinghouse on Development Communication, 377
Clinical laboratory services in developing countries, 221–223
Clinical Pharmacological Evaluation and Drug Control, Seventh European Symposium, 66
Coded compendium of the International Histological Classification of Tumours, 112
Codex Alimentarius Commission, 46–48
Cold chain for vaccine conservation, 383–386
Collaborating Centre for traditional medicine, Rome, 235
Colombia, aid from the World Bank, 471
Committee on Science and Technology for Development (CSTD), 444
Communicable diseases, 401, 452
  control, 263

Communication sciences for health promotion, Africa, 387, 474
Community health care, Europe, 60
Community health workers, 457
Community involvement in the development of health services, Western Pacific, 469
Community participation, South-East Asia, 418
Community water supplies, 370–372
Conference on Security and Cooperation in Europe, 423
CONROY, E. D., 306
Consultative Group on Programme Development, 421
Continuing education of health personnel as a factor in career development: report on a WHO Working Group, 432, 459
Control of endemic goitre, 194, 353–354
Controlling the smoking epidemic. Report of the WHO Expert Committee on Smoking Control, 352
Convention on Psychotropic Substances 1971, 14, 16, 77, 78, 106, 344
COOPER, M., 379
COPPEDGE, R. L., 388
Corrigenda, cholera epidemic, Maldives, 274
endemic goitre, 274
genetic engineering, 62
health personnel to meet the people's needs, 237
Memoirs of a disease eradicator, 237
quality control of drugs, 416
wastewater treatment method yields a harvest of saleable algae, 102
WHO publications, 62
COSTA, J. F. DA, 444
COSTELLO, A. D., 387
COTTAFAVI, L., 243, 244
Council for International Organizations of Medical Sciences (CIOMS), 190, 326
Country health programming, 167
and management, 451–456
CVJETANOVIĆ, B., 157

Danube, water quality crisis, 65
Data processing and memory device, visual aid to diagnosis, 378–379
DDT and its derivatives, environmental effects, 395
DEMAEYER, E. M., 274, 353
Dengue haemorrhagic fever, 107
South-East Asia, 418
Dengue in the Caribbean, 1977, 355
DENOLIN, H., 32
Dentistry, application of the International Classification of Diseases, 35
DE-THE, G., 159
DIALLO. O., 464
Diarrhoeal diseases, global control programme, 131–134
South-East Asia, 418
Diphtheria, immunization, South-East Asia, 210
Director-General, annual report 1978, 163–168
report to the World Health Assembly, 244–248
Directory of on-going research in cancer epidemiology, 1978, 69
Directory of training and research institutions in the South-East Asia Region, 473
Disaster epidemiology, 154
Disasters and natural catastrophes, 415–416
Disasters, Canada funds emergency programme, 300
risk of disease outbreaks, 214–216
Disease control, 287
DISSANAIKE, A. S., 475
DOĞRAMACI, I., 307
DOUGLAS, R. M., 469
Drinking-water, health implications of radioactive substances, 195
sodium, chlorides and conductivity, 355
Drug abuse, international action, 77
Drug control, Americas, 388
international treaties, 16–17
Drug dependence, prevention and treatment, Eastern Mediterranean and South-East Asia, 343–346
public health aspects, 432
Drug monitoring, 347
Drug utilization, methods and applications, 431
Drugs, and alcohol, Pan-Pacific Conference, 190
and driving, 153
antibacterial, unnecessary use, 6
clinical testing and monitoring, 66
essential, 165–166, 246, 453
programme, 78, 203–208, 266
South Pacific, 102, 303
psychotropic and narcotic, 12–15
quality control, 289–294
DUSITSIN, N., 31
DY, F. J., 77, 102, 107, 231, 307
Dynamics of acute bacterial diseases. Epidemiological models and their application in public health, 157

Eastern Mediterranean, child care, 229–230
drug dependence, prevention and treatment, 343–346
educational planning and teacher training, 296–297
essential drugs, action programme, 207–208
health conditions, Arab population, 266
International Year of the Child, 24
poliomyelitis, 63
primary health care, mass media support, 101–102
Regional Committee, 22–24
Regional Office, location, 266, 307
technical discussions, 24
Educational handbook for health personnel, Spanish edition, 341
Educational programme development, 409–410
EGAN, H., 396
EGEMAN, A., 132
Egypt, health manpower, analysis, 39–44
functions, 389
ELLIS, J. R., 474
Emergencies, food relief, 342
Endemic goitre, control, 194, 353–354
corrigendum, 274
Environmental Carcinogens—Selected Methods of Analysis. Volume 2: Methods for the measurement of vinyl chloride in poly (vinyl chloride), air, water and foodstuffs, 396
Environmental health, 402, 452
medium-term programme, 79, 265
1978–1983, 169–173
workers, role in health education, 349
Environmental Health Criteria 7: Photochemical oxidants, 313

Environmental Health Criteria 8: Sulfur oxides and suspended particulate matter, 314
Environmental Health Criteria 9: DDT and its derivatives, 395
Environmental Health Criteria 10: Carbon disulfide, 352–353
Environmental Health Criteria 11: Mycotoxins, 353
Environmental health impact assessment: report on a WHO Seminar, 356
Environmental Health in Development Planning, World Congress, 232
Environmental problems, integrated approach, 64
Environmental protection, 287
Environmental sanitation in development planning, 388
Epidemiological information service to Member States, 233
Epidemiological surveillance after natural disasters, 215
Epidemiology in health care planning—A guide to the uses of a scientific method, 311
Epilepsy, and driving, 20
  developing countries, 183–186
Eradication of smallpox from India, 359
Europe, blindness, 282–283
  community health care, 60
  Conference on Security and Cooperation, 423
  environmental protection programmes, 64
  essential drugs, action programme, 207
  family health, medium-term programme, 422
  health hazards in tourist resorts, 147–148
  innovative service programmes for children and adolescents, 25
  International Year of the Child, 26
  medical education, 143
  mental health care, 180–182
  oral health services, 239
  poliomyelitis 1977, 63
  Regional Committee, 420–423
  Regional Director, report, 421
  Regional Office, appointments, 148
    collaboration with the Finnish Foundation for Alcohol Studies, 367
    role in rheumatic disease control, 20
  research promotion and development, 49–52
  senior public health administrators, training, 30
  technical discussions, 423
  tobacco smoking, 95–96
European Institute for Applied Medical Research, 378
Evaluation of certain food additives and contaminants. Twenty-second report of the Joint FAO/WHO Expert Committee on Food Additives, 158
Evaluation of inpatient nursing practice: report on a Working Group, 356
Examinations, common defects, 52
Executive Board, members, 76, 260
  organizational study on the role of WHO in training in public health and health programme management, 462
  sixty-fourth session, 307
  sixty-third session, agenda, 27
    decisions, 75–79
Expanded Programme on Immunization, 128–130, 166, 300, 383, 386
  South-East Asia, 209–213
Faculty development. Proceedings of the WHO/RTTC Intercountry Workshop, University of New South Wales, Sydney, 4–16 February 1979, 459
Fakhro, A., 23, 307
Family health, 286
  medium-term programme, Europe, 422
  planning, 402, 452
Farnsworth, N. R., 58
Female circumcision, abolition, 235–236
Ferguson, D., 148
Fertility, adolescent, 315
  regulating agents from plants, 58–59
Filariasis, 401
Films, *Santé Afrique*, 143
Finland, rheumatic diseases, 19
Finnish Foundation for Alcohol Studies, 367
Flache, S., 472
Flahault, D., 39
Fluss, S. S., 284
Foëx, R., 244
Foliaki, S., 466
Folmer, H., 66
Food and Agriculture Organization of the United Nations (FAO), 27, 46, 47, 79, 104, 167, 227, 351, 440
Food irradiation, 351
Food relief during emergencies, 342
Food safety, WHO's activities, 45–48
Fourth World Congress on Smoking and Health, 393
Fritsche, W., 148
Fülöp, T., 39, 80

Gadalla, F. R., 39
Galego Pimentel, D., 76, 307
Geijer, U., 35
Gellhorn, A., 326
General Programme of Work, Seventh, 422
  Sixth, 27, 45, 79, 164, 169, 226
Genetic engineering, corrigendum, 62
Gerba, C. P., 194
German, G. A., 427
Germany, Federal Republic of, rheumatic diseases, 19
Ghana, schistosomiasis control, 106
Ghana Water and Sewerage Corporation, 27
Girling, D. J., 192
Grab, B., 157
Gradual medical education in the European Region: First supplementary report, 1978, 143
Greece, marine pollution, Athens, 103
Grímsson, A., 431
Growth chart for international use in maternal and child health, 439
Guide for the organization of health services in rural areas and the utilization of auxiliary personnel, 115
Guide pratique d'hygiène du tourisme, 148
Guide to poliovirus isolation and serological techniques for poliomyelitis surveillance, 315
Guide to sanitation in tourist establishments, 148
Guidelines for programmes for the prevention of blindness, 431
Guidelines to the use of the WHO recommended classification of pesticides by hazard, 389
Guilbert, J. J., 341
Gunaratne, V. T. H., 107, 188, 362, 417, 424
Guttuso, C., 148

HAIJKENS, J., 138
Haiti, Inter-American Development Bank project, 471
Handbook for information systems and services, 67
HARDING, T. W., 135
HARFOUCHE, J. K., 475
HAUGEN, I. H., 302
HAUGLAND, B., 458
HAVARD, J. D. J., 428
HAZBUN, J. A., 375
Health administration, teaching aids, Americas, 388
Health and the family: studies on the demography of family life cycles and their health implications, 62
Health, effects of chemicals, 167
  indoor air quality, 392
  spiritual, 29
Health auxiliaries, role, 44
  task structure, 130
  training and continuing education, 93
Health care, after disasters, 154–155
  facilities, appropriate technology, 227
  of the elderly, 263–264
Health conditions in the Americas, 1973–1976, 70
Health education, baby dolls, 379
  principles and methods, 432
  role for environmental health workers, 349
  South-East Asia, 418
Health ethics, 394
Health expenditure, poor coordination, 372
Health financing, sources of revenue, 471
Health for all by the year 2000, 76, 260–261, 399–400, 420
  Africa, 464
  Americas, 470
  Europe, 423
  South-East Asia, 298, 417
  Western Pacific, 468–469
Health hazards in tourist resorts, Europe, 147–148
Health in socioeconomic development, 319–321
Health information, lay reporting, 69
Health information and education, Africa, 465–466, 474–475
  Western Pacific, 230–231
Health legislation, Indonesia, 302–303
  recent trends, 284–288
  Trinidad and Tobago, 17
Health manpower development, 404–405, 453
  courses and meetings, 143–144, 459–460
  medium-term programme, 80–93
  publications and reports, 142–143, 458–459
  South-East Asia, 419
Health manpower functions, analysis of findings in Brazil, Egypt and Hungary, 39–44, 389
Health Manpower News, No. 4, 140–146
  No. 5, 295–299
  No. 6, 457–463
Health personnel, continuing education, 297–298, 432
  to meet the people's needs, 80–93
    corrigendum, 237
Health planning, South-East Asia, 116
  WHO's involvement, 17
Health programmes in rural areas, utilization of auxiliaries and community leaders, 115
Health promotion in developing countries, science and technology, 399–406, 447–456
Health services, costs, 333, 463
  foreign aid, 469
  priorities, 463
Health services and manpower development, integrated approach, 115–116
Health statistics—A manual for teachers of medical students, 311
Health teams in rural areas, 295, 407–414
Helsinki Declaration, 326
HENDERSON, D. A., 359
HENSON, D. E., 112
HERNIMAN, R. H., 102
HETZEL, B. S., 311
HIDDLESTONE, H. J. H., 307
HITZE, K. L., 192
HOLLAND, W. W., 240
Hospital-acquired infections: guidelines to laboratory methods, 70
Hungary, analysis of health manpower functions, 39–44, 389
  water quality crisis, 65
HUSAIN, R. I., 253–254
Hygiene and cleanliness, world fortnight, 266
Hypertension, Africa, 32
  arterial, 196
  borderline, 190
  developing countries, 348–349
  prevention, 24, 26, 182

IARC, *see* International Agency for Research on Cancer
IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Volume 18: Polychlorinated biphenyls and polybrominated biphenyls, 69
  Volume 19: Some monomers, plastics and synthetic elastomers, and acrolein, 315–316
Immunization, children, 246
  saving lives, 128–130
  services, Western Pacific, 468
Immunodeficiency, 443
Immunodeficiency. Report of a WHO Scientific Group, 114
Incubators, 379
India, smallpox eradication., 359–363
Indonesia, nursing legislation and registration, 302–303
Infant and young child feeding, Joint WHO/UNICEF meeting, 305, 435–443
Influenza, national centres, functions, 8
  1978–1979, 192–193
  vaccines for 1979–1980, 192–193
  WHO programme, 7–8
Information, needs, 405, 453
  systems, 269–270
    Americas, 471
Informed consent, 328
Inpatient nursing practice, 356
Integrated approach to health services and manpower development, 115–116
Inter-American Development Bank, 300, 388, 471
Intergovernmental Committee on Science and Technology for Development (ICSTD), 446
Intergovernmental Programme for Cooperation in the Field of Scientific and Technical Information (UNISIST), 67
International acceptance of irradiated food: legal aspects, 351
International Agency for Research on Cancer (IARC), 234

International Agency for Research on Cancer—Annual report 1978, 198
International Atomic Energy Agency (IAEA), 47, 55
  publications, 350–351
International Bank for Reconstruction and Development (IBRD), 191
International banks, funds for health, 191–192
International Classification of Diseases, dentistry and stomatology, 35
  mental disorders, 112
International Classification of Diseases, Ninth Revision: Basic Tabulation List with Alphabetical Index, 111
International Classification of Health Problems in Primary Care (ICHPPC), first revision, 33
International Classification of Procedures in Medicine, Vol. 2, 111–112
International Commission for the Global Certification of Smallpox Eradication, 28, 77, 108, 474
International Commission on Radiological Protection (ICRP), 55, 195
International Conference on Health Education, Tenth, 103
International Conference on Primary Health Care, Alma-Ata, 76, 163–164, 176, 319, 422
International Conference on Social Science and Medicine, 150
International Conference on Viruses in Water, 195
International Congress of Tropical Medicine and Malaria, 232
International Congress on Urban Life and the Child, 149
International Council of Scientific Unions, 67
International Development Strategy, Preparatory Committee, 321
International Drinking-Water Supply and Sanitation Decade, 79, 152–153, 167, 170, 172, 173
International drug control treaties: role of medical professionals, 16–17
International drug monitoring, 347
International Epidemiological Association (IEA), 311
International exchange system of information on appropriate technology (OIKOS), 380
International Histological Classification of Tumours, coded compendium, 112
International Labour Organisation, 27, 79, 167, 441
International Nonproprietary Names (INN) for Pharmaceutical Substances, Suppl. to *WHO Chronicle*, No. 3, No. 9, No. 10
International Planned Parenthood Federation, 31
International Programme on Chemical Safety, 422, 476–477
International Reference Centre for Community Water Supply, 27
International Register of Potentially Toxic Chemicals (IRPTC), 189
International scientific cooperation, 405–406, 453
International Smallpox Assessment Commission, 363
International Society of Radiographers and Radiological Technicians, 55
International Society of Radiology, 55
International staff in WHO, recruitment, 78, 266
International Symposium on the Protection of Workers against Noise, 150
International Year of the Child, 3–6, 119–127, 149, 151, 246, 308, 333, 436
  Eastern Mediterranean, 24
  Europe, 26
  WHO Regions, 5–6
IONESCU, T., 420
IPSEN, J., 240
IRPTC Bulletin, 189
ITO, Y., 159

Jacques Parisot Foundation Medal, 255
JAMBAA, G., 417
Japan Shipbuilding Industry Foundation, 472
JENNANE, O., 420
JEZEK, Z., 359
JOLLY, P. W., 349

KALIX, P., 105
KAPLAN, M. M., 444
KAPRIO, L. A., 420, 421
KEKKONEN, U., 420
Kellogg Foundation, 470
KENNEDY, D., 388
KHALIL, M. H., 39
KHAN, I., 16, 105
KHIYAMI, M. EL, 23
KING, M., 155
KNOX, E. G., 311
KOATÉ, P., 32
KOHN, R., 39
KOSTLAN, J., 239
KOUZNETSOV, R. L., 9, 427

Laboratory services, 265
  developing countries, 221–223
  primary health care level, 334–337
Laboratory workers, training, 337
LABOUISSE, H., 194
LAMBO, T. A., 235, 326, 445
LATAILLADE, L., 39
Latin America, tobacco smoking, 96
Latrine, pit, 220
Lay reporting of health information, 69
LECHAT, M. F., 154
Léon Bernard Foundation Medal and Prize, 250
Leprosy, 263
  in animals, 240
  nerve damage, 430
  registered cases worldwide, 151
  research, Africa, 392
  South-East Asia, 418
  spectrum, 396
LOBO, L. C. G., 39
LOURDES VERDERESE, M. DE, 143
LOWE, C. R., 311
LOWENSTEIN, F., 194, 274, 353
LUBAMBU, T., 464
LUJA-PENTTILÄ, S., 420
LUSTED, L. B., 54
LWANGA, S. K., 311

MACHEL, S. M., 464
MAHLER, H., 23, 29, 119, 127, 194, 224–248, 259, 319, 420, 464, 466, 474
Malaria, 400, 425
  Africa, 262–263
  Americas, 21
  South-East Asia, 418
  Western Pacific, 467
Malaria and tropical medicine, 10th international congress, 232
Malaria control, 166, 246
  Africa, 427
  bibliography on the behavioural, social and economic aspects, 113
  chemotherapy, 9–11
Maldives, Republic of, cholera epidemic, 187–188
  corrigendum, 274
MALEEV, A., 423
Malnutrition, 166–167, 401, 402, 452
  and infection, 309
Malta, drug control, 17
Management of nutritional emergencies in large populations, 35
Management of sexually transmitted diseases: a guide for the general practitioner, 480
Manpower training manual for water supply systems, 138–139
Manual for the design, equipping and staffing of facilities for production and quality control of bacterial vaccines, 61
Manual on early medical treatment of possible radiation injury, 351
Manual on management for middle level health personnel, 144–145
MARGAN, I., 191, 244, 267
Marketing of animals and their products and animal health, 354–355
MARTIN, G., 420
MARTINS, H. F. B., 244, 464
MASIRONI, R., 322
Maternal and child health, 262, 307–308
  training, 295–296, 329–333
    material, 236–237
M'BAÏTOUBAM, F. M., 76
Measles, immunization, 210
Measurement of levels of health, 240
MEBAZAA, F., 243, 244
Medical ethics, training, 327
Medical experiments, safeguarding human rights, 326–328
Medical research, Africa, 391
Medical schools, world directory, 479–480
Medicinal plants, inventory, 56–57
Medium-term programme, environmental health, 79
  health manpower development, 80–93, 140–141
  preparation, 164
MEJÍA, A., 458
MELNICK, J. L., 194
Memoirs of a disease eradicator, 109–110
  corrigendum, 237
Mental disorders, 402, 452
Mental disorders: glossary and guide to their classification in accordance with the Ninth Revision of the International Classification of Diseases, 112–113
Mental health, care, Europe, 180–182
  programme, 264
  uprooting and related phenomena, 28
  Western Pacific, 303–304
Metabolic diseases, 402, 452
Methaqualone, use and abuse, 105
MITCHELL, F. L., 221
Modern medicine and medical anthropology in the United States-Mexico border population, 199
MOHAMMED, K., 17, 21, 243, 244
Monkeypox, human, 232
MORALES BERMÚDEZ, F., 301
MORK, T., 307
MORLEY, D., 218
MUIR, C. S., 69
MUSAFILI, I., 243, 244, 464
Mycotoxins, 353

NAJERA-MORRONDO, J. A., 301
NAKAJIMA, H., 77, 307, 467
Narcotic drugs, 12–15
  coca-leaf chewing, 100
NASHER, A. A., 23
Nasopharyngeal carcinoma: etiology and control, 159
National family planning programme, Thailand, 31
National health information systems, 67
  seminar, Pan American Health Organization, 338–342
  South-East Asia, 177–179
National Institute on Drug Abuse, 16
National reference centres, 413–414
NETO, A. A., 464
Neurosciences, application of recent advances for the control of neurological disorders, 113–114
New International Economic Order (NIEO), Africa, 466
  South-East Asia, 419
  Western Pacific, 468
NGUYEN VAN TRONG, 466
Nicaragua, emergency aid, 470–471
Nongovernmental organizations, 79
NOORDIN, R. A., 466
North America, tobacco smoking, 96–97
Nursing services, Papua New Guinea, 458
Nutrition, 429
  and child health, 125–127
  children, 305
  deficiency diseases in emergencies, 127
  research, development and training programme, 225–227
Nutritional, deficiency, 309, 443
    diseases, 401
  emergencies in large populations, management, 35
  factors, cardiovascular disease in developing countries, 348

Obituary, BAUHOFER, F. A., 237
Occupational health, 264
Oceania, blindness, 283
  tobacco smoking, 97
OCHOA, L. C., 301
Office of the Disaster Relief Coordinator, 391
Office of the United Nations Commissioner for Refugees, 391
Onchocerciasis, Africa, feasibility study, 306
Onchocerciasis Control Programme, 387
  activities 1978, 104–105

Ophthalmology, role and functions of national institutes, 356
Oral contraceptives and breast cancer, 337
Oral health services in Europe, 239
Orthopoxviruses, research, 108
Ortiz Mena, A., 300
Osei-Tutu, E., 106

Palmer, P. E. S., 114
Pan American Health Education Foundation, 388
Pan American Health Organization, appointments, 301, 388, 471
emergency aid to Nicaragua, 470–471
information system, 471
Inter-American Development Bank agreement, 300
Regional Committee, 21–22
Regional Director, re-election, 22, 78
seminar on national health information systems, 338–342
Special Programme of Animal Health, 301
technical discussions 1978, 1979, 1980, 22
Pan American Sanitary Conference, XX, 21
Papua New Guinea, maternal and child health, 295–296
nursing process workshops, 458
Parasitic infections, 401
Parasitic zoonoses. Report of a WHO Expert Committee with the participation of FAO, 395
Park Chung Hee, 231
Patterson, A. W., 307
Percy, C., 112
Perinatal mortality, statistical information, 62
Pertussis, immunization, 210
Peru, national health system, 301
Pesticides, control, developing countries, 27
criteria for acceptability, 213
factors influencing toxicity, 216
guidelines on hazardous, 389
safe use, 213, 238–239
self-instruction course, 472
Peters, W., 66
Pharmaceutical products, 453
Pharmaceuticals, essential, 402
Philippines, drug control, 16
Physician and nurse migration: analysis and policy implications, 458
Pinczes, L., 39
Piyaratn, P., 424
Plague, human, 1958–1978, 426
Plants, fertility regulating agents, 58–59
medicinal, inventory, 56–57
Poliomyelitis, in 1977, WHO regions, 63
immunization, 210
surveillance, 315
Poncioni, E., 244
Preudhomme, H. J., 21
Prevention and control of accidents, intercountry seminar, South-East Asia, 424
Prevention of Occupational Accidents and Diseases, IXth World Congress, 190
Primary child care—a manual for health workers, 155
Primary child care. Book two: a guide for the community leader, manager and teacher, 155
Primary health care, 447–451, 452
Alma-Ata Conference, 76, 163–164, 176, 319, 422
Eastern Mediterranean, mass media support, 101–102
Europe, 422
laboratory services, 334–337
manuals, 297
maternal and child health care element, 329–330
national reference centres, 413–414
nomads, Afghanistan, 61
South-East Asia, 228–229
technical cooperation among developing countries, 175–176
training, 142, 298
Principles and methods of health education: report on a WHO Working Group, 432
Programme Evaluation and Review Technique (PERT), 414
Prosthetic devices, 453
technology, 404
Psychiatric rehabilitation, technical cooperation, 135–137
Psychiatric tropical disorders, 427
Psychosocial dimensions, 403
Psychotropic and narcotic substances, 12–15
travelling seminar, 389
Public health, role of X-ray diagnosis, 53–55
Public health administrators, training, Europe, 30
Public health and health programme management, 236
Public health aspects of alcohol and drug dependence: report on a WHO Conference, 432
Publications of the World Health Organization, 1973–1977. A bibliography, 238

Quality control of drugs, supplementary list of participating countries in certification scheme, 289–294
corrigendum, 416
Quenum, C. A. A., 306, 387, 464, 465
Questionnaire, *WHO Chronicle*, 189, 390

Rabies, South-East Asia, 418
Radiation injury, medical treatment, 351
Radiation medicine in public health, Western Pacific, 468
Radiation protection, basic safety standards, 235
Radioactive substances in drinking-water and their health implications, 195–196
Radiology and primary care, 114–115
Radiotherapy, calibration of dose meters, 351
Raisin, P., 244
Rathauser, V., 388
Raw, M., 98
Ray, R., 417
Regional Advisory Committee on Medical Research, Africa, 391
Europe, 49, 51, 52
South-East Asia, 419
Western Pacific, 107
Regional Committees, Africa, 464–466
Americas, 21–22
Eastern Mediterranean, 22–24
Europe, 420–423
South-East Asia, 417–420
Western Pacific, 466–469

Regional library network, Western Pacific, 107
Regional Teacher Training Centre for Health Personnel, Sydney, Australia, 459
Regionalization of health services—The Puerto Rican experience, 311
Rehabilitation, 404, 453
  psychiatric, technical cooperation, 135–137
REID, J. J. A., 76
Report of the Director—Quadrennial 1974–1977, Annual 1977, Pan American Health Organization, 71
Report on the World Social Situation, 1978, 472
Research, development and training programme in nutrition, 225–227
  maintenance of equipment in developing countries, 208
  promotion and development, Europe, 49–52
Research and training in tropical diseases, evaluation, 457–458
Research in human reproduction: strengthening of resources in developing countries. Report of a WHO Study Group, 35
Respiratory diseases, 263
REVACLIER, J., 244
REXED, B., 250
Rheumatic diseases, consequences and control, 18–20
RICHMOND, J. B., 21
Rifampicin, adverse reactions, 192
RIVASPLATA HURTADO, E., 243, 244, 301
Road accidents, crash protection, 381–382
Road safety, global programme, 153–154
ROCHE, M., 445
ROEMER, M. I., 39
Role and functions of national institutes of ophthalmology: report on a WHO Meeting, 356
ROUX, J., 349
Rural health teams development, 407–414

Safe use of pesticides. Third Report of the WHO Expert Committee on Vector Biology and Control, 238–239
SAI, F. T., 435
Sanitation, 246–247, 265
SASAKAWA, R., 472
Saudi Arabia, drug control, 17
Schistosomiasis, 400
  control, man-made lakes, 106
  research, Africa, 392
Schizophrenia: an international follow-up study, 428
Science and technology for health promotion in developing countries, 399–406, 447–456
Scientific and Technical Advisory Committee, 29
SCOTT, D., 106
SCRIMSHAW, N., 445
SEAMAN, J., 35
SEBINA, D. B., 76, 307
SEELENTAG, W., 53
Seminar on utilization of auxiliaries and community leaders in health programs in rural areas: final report, 115
SENAULT, R., 244
Senegal, hypertensive cases, 32
Service-oriented research in adolescent fertility. Report on a WHO Meeting, 315
Seventh General Programme of Work, 422
Sexually transmitted diseases, guide for the general practitioner, 480
Seychelles, 152nd Member State, 425
Shallow wells, 224
SHINOZAKI, H., 102
Shousha Foundation Medal and Prize, 253
SHWE TIN, 307
SIMEANT, S., 388
SIMPSON, D. I. H., 63
SINGH, C., 417
Single Convention on Narcotic Drugs 1961, 16, 344
SIRAIT, M., 417
Sixth General Programme of Work, 27, 45, 79, 164, 169, 226
SLAYTOR, M., 58
SLIWINSKI, M., 243, 244
Smallpox eradication, 266, 347
  Africa, 474
  global certification, 77, 107–108
  India, 359–363
  programme, 166
  utilizing savings, 245
Smallpox infection, variola virus, 28, 347
Smallpox vaccination, 28
  status of current policy, 149
Smoke, measurement in the atmosphere, 97
Smoking, cessation methods, 299, 304, 316, 369
  cigarette dependence, 98–100
  control, 322–325, 352
    recommendations of the WHO Expert Committee, 477
  effects, on children and young people, 258
    on non-smokers, 288
    socioeconomic, 369
  health risks, 348, 393
    warning, 248
  helping smokers to stop, 299, 304, 316
  tobacco, in the world, 94–97
    North America, 96–97
SOBIN, L. H., 112
Social and biological effects on perinatal mortality, 62
Socioeconomic development, South-East Asia, 419
Sodium, chlorides and conductivity in drinking-water: report on a WHO Working Group, 355
SOEJARTO, D. D., 58
Solomon Islands, appropriate technology for health, 375–376
SOPER, F. L., 109
SOTIROFF-JUNKER, J., 113
South-East Asia, accidents, prevention and control, 424
  directory of training and research institutions, 473
  drug dependence, prevention and treatment, 343–346
  essential drugs, action programme, 207
  expanded programme on immunization, 209–213
  health planning, 116
  national health information systems, 177–179
  poliomyelitis 1977, 63
  primary health care, 228–229
  Regional Committee, 417–420
  Regional Office, appointments, 424
  rural hygiene in 1937, 134
  technical discussions, 419
South Pacific, essential drugs, 102
  Task Force on essential drugs, 303
South Pacific Bureau for Economic Cooperation, 102

Special Programme for Research and Training in Tropical Diseases, 11, 21, 29, 106, 165, 189, 191
Africa, 391
Special Programme of Research, Development and Research Training in Human Reproduction, 31, 36, 58, 165
Africa, 392
Spiritual health, 29
Spring balance for weighing babies, 374
SQUIRELL, D. C. M., 396
Statistics, road traffic accidents, 153–154
Sterilizing equipment, 379
Stomatology, application of the International Classification of Diseases, 35
Studies in drug utilization: methods and applications, 431
SUBRAHMANYAM, D. V., 424
Swedish International Development Authority (SIDA), 360

TABA, A. H., 23, 107, 229
TANCO, A. R., 194
TAN YUNHE, 243, 244
Taxonomy, botanical, 57
Teacher-training, 410–411
Teaching aids, flowcharts, 220
health administration, Americas, 388
tropical diseases, 66, 461–462
Teaching for effective learning, 459
Teaching materials, 462
Technical cooperation among developing countries, 79, 167, 261–262, 332, 333
Africa, 174–176, 466
Americas, 22
South-East Asia, 419, 473
technical discussions, 267–274
UN Conference, 108–109
Western Pacific, 208
TEELUCK, M., 464
TEJADA-DE-RIVERO, D., 21
TEKA, G. E., 464
Tetanus, immunization, 210
Thailand, manpower planning, 298
vasectomy clinics, 31
THAIN, W., 396
THILLY, C. H., 274, 353
THOMAS, L. B., 112
Three approaches to the analysis of health manpower functions: a report on studies in Brazil, Egypt and Hungary, 389
Tobacco smoking in the world, 94–97
TOH CHIN CHYE, 466
TOMAN, K., 197
TOMASZUNAS, S., 209
Toxicological problems in the tropics, 393
Trachoma, 401
Traditional birth attendant in maternal and child health and family planning, 143
Traditional birth attendants, 142–143, 297
Traditional birth attendants: a field guide to their training and articulation with health services, 143, 158
Traditional birth attendants: an annotated bibliography of their training, utilization and evaluation, 459
Traditional medicine, 76–77, 403, 453
Collaborating Centre, Rome, 235
Unani-Tibbi system, 124
Training and utilization of auxiliary personnel for rural health teams in developing countries. Report of a WHO Expert Committee, 198
Treatment of incorporated transuranium elements, 351
Trinidad and Tobago, health legislation, 17
Tropical diseases, research and training, 29
teaching aids, 66, 461–462
Tropical Medicine and Malaria, 10th International Congress, 232
Trypanosomiases, Africa, 314–315
Trypanosomiasis research, Africa, 392
Tuberculosis, immunization, 210
research, Africa, 392
South-East Asia, 418
Tuberculosis case-finding and chemotherapy. Questions and answers, 197–198
TUCHINDA, P., 243, 244, 249, 250, 253, 417
Tunisia, National Centre for the Educational Development of Health Personnel, 145
Turkey, oral rehydration therapy, 132
TURNBULL, L. M., 143

UEMURA, K., 157
Union of Soviet Socialist Republics, pharmaceutical and medical establishments, 14
UNISIST, 67
United Kingdom, drug control, 16
United Nations Children's Fund (UNICEF) 4, 79, 101, 129, 165, 204, 227, 229, 231, 320, 331, 383
collaboration with WHO, diarrhoeal disease control programme, 131–134
WHO Joint Committee on Health Policy, twenty-second session, 332–333
WHO Joint Meeting on Infant and Young Child Feeding, 305, 435–443
United Nations Commission on Narcotic Drugs, 15, 16, 77, 106
United Nations Conference on Science and Technology for Development (UNCSTD), 444–446
United Nations Conference on Trade and Development (UNCTAD), 165
United Nations Development Programme (UNDP), 29, 79, 104, 129, 167, 172, 189, 204, 229, 391, 392, 446
WHO assisted project for environmental pollution abatement, Upper Silesia, 64
WHO assisted project for water quality management, Hungary, 65
WHO programme for the collection, treatment and disposal of liquid wastes, Greece, 103
WHO Research Project on Schistosomiasis Control in Man-made Lakes, Ghana, 106
United Nations Economic and Social Council (ECOSOC), 319, 444, 445, 446
United Nations Educational, Scientific and Cultural Organization (UNESCO), 4, 67, 145, 440
United Nations Environment Programme (UNEP), 47, 48, 352, 353, 391
United Nations Fund for Drug Abuse Control, 391
United Nations Fund for Population Activities, 4, 31, 62, 391
United Nations Industrial Development Organization (UNIDO), 165, 440

United Nations Water Conference, 79, 167
United States of America, drug control, 16
USAID Regional Bureau for African Affairs, 306

Vaccination certificate requirements for international travellers, 103
Vaccine conservation, 383–386
Vaccine production, manual, 61
Vaccine revolving fund, Americas, 300–301
Vaccines, influenza 1979–1980, 192–193
VARGAS TENTORI, F., 301
Variola virus in laboratories, 28, 347
Vasectomy clinics, Thailand, 31
VAZQUEZ VIGO, M., 301
Vector biology and control, South-East Asia, 418
Ventures in World Health: the Memoirs of Fred Lowe Soper, 109
VIJAYAKRISHNA NAIR, N., 102
VILLAGRA, B., 301
VILLE DE GOYET, C. DE, 35, 214
Vinyl chloride, methods for measurement, 396
Viper bite, emergency precautions, 219
Viral haemorrhagic fevers, 63
Virus laboratories, world list, 425
Viruses in water, health hazard, 194–195
Voluntary contributions, WHO programmes, 391
Voluntary Fund for Health Promotion, 23, 27, 79, 192, 205
  contributions, 305–306

WAGNER, G., 69
WAGNER, M., 148
WAHBA, A. H. W., 431
WAKEFORD, R. E., 459
WALLIS, C., 194
WARD, N. A., 359
Wastewater treatment method yields a harvest of saleable algae, corrigendum, 102
Water and sanitation, 167, 246–247, 265
Water management staff, training in the Eastern Caribbean, 147
Water quality crisis, Hungary, 65
Water-related diseases, 401
Water supplies, developing countries, 27–28
Water supply systems, manpower training manual, 138–139
Weaning, 438–439, 441
  foods, 442–443
Weekly epidemiological record, 8, 149, 151, 233
WELLS, L. G., 220
WESTBURY, R. C., 33
WESTERHOLM, B., 431
Western Pacific, acute respiratory infections, 469
  essential drugs, action programme, 208
  health for all by the year 2000, 468–469
  health information and education, 230–231
  immunization services, 468
  malaria, 467
  mental health, 303–304
  poliomyelitis 1977, 63
  radiation medicine in public health, 468
  Regional Director, nomination, 77
    report 1977–1979, 467–468
  regional library network, 107
  Regional Office, appointments, 102
  technical discussions, for 1979 and 1980, 469
WHO Chronicle, questionnaire, 189, 390
  thirty years ago, 425
WHO Disaster Task Force, 416
WHO Expert Committee on Biological Standardization. Thirtieth report, 478–479
WHO Expert Committee on the Medical Use of Radiation, 54
WHO Expert Committee on the Safe Use of Pesticides, 27
WHO global teacher training programme, review, 460–461
WHO Programme Advisory Group on the Prevention of Blindness, 275
WHO Project on Prevention of Alcohol-Related Problems, 368
WHO publications, 34–36, 68–71, 111–116, 157–160, 197–199, 238–240, 312–316, 352–356, 395–396, 431–432, 478–480
  corrigendum, 62
WHO Recommended Classification of Pesticides by Hazard, 389
WHO Scientific Group on the Chemotherapy of Malaria and Resistance to Antimalarials, 11
WHO/UNICEF, Joint Committee on Health Policy, 307
  Joint Meeting on Infant and Young Child Feeding, 435–443
WILLCOX, R. R., 480
WILLIAMS, C. L., 301
WOJTCZAK, A., 148
Work of WHO in 1978, 163–168
World Bank, 27, 29, 79, 104, 106, 167, 172, 189, 191, 392
  aid to Bolivia, Brazil and Colombia, 471
World Congress of Rehabilitation International, 1976, 135
  1980, 103
World Congress on Environmental Sanitation in Development Planning, 388
World Directory of Medical Schools, 459, 479–480
World Federation of Nuclear Medicine and Biology, 55
World Health, contents, 5, 151, 152, 196, 235–236, 393, 394, 429–430, 473
World Health Assembly, thirty-second, 243–274
  agenda, 191
  decisions, 259–266
  President, 249
  technical discussions, 109, 267–274
  thirty-third, 266
  technical discussions, 307
World Health Day 1979, 5, 119–127, 151
  1980, 393
World Health Statistics Annual, Volume I, 1978. Vital Statistics and Causes of Death, 312–313
World Health Statistics Annual, Volume II, 1978. Infectious diseases: Cases and Deaths, 313
World Health Statistics Annual, Volume III, 1977. Health Personnel and Hospital Establishments, 313
World Health Statistics Annual, Volume III, 1978. Health Personnel and Hospital Establishments, 313
World Health Statistics Quarterly, Vol. 31, No. 3, 68
  No. 4, 68
World Health Statistics Quarterly, Vol. 32, No. 1, 310–311, 313
  No. 2, 352
  No. 3, 428, 431

World Organization of National Colleges, Academies and Academic Association of General Practitioners/Family Physicians (WONCA), 33
World Rheumatism Year 1977, 18
World social situation, 472

X-ray diagnosis, role in public health, 53–55

Yao, K. M., 102
Yellow fever, 149, 263
Yellowlees, Sir Henry, 420

Zambia, Tropical Disease Research Centre, 392
Zoonoses control, Americas, 354–355
Zoonotic human filariasis, treatment and control, 465–476
Zwingmann, C., 28